| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| J&K | 6410 | 5361 | 1049 | 16.4 |
| Punjab | 27670 | 26923 | 747 | 2.7 |
| Rajasthan | 25080 | 24178 | 902 | 3.6 |
| U.P. | 46295 | 39556 | 6739 | 14.6 |
| Northern Region | 145567 | 134633 | 10994 | 7.5 |

(c) and (d) Immediately after grid collapse in the Northern Region, the Minister of Power addressed letters to the Chief Ministers of all States advising them to ensure grid discipline by restricting their drawals from the grid in accordance with their entitlements and grid requirements. Thereafter, there has been improvement in the frequency profile of the region. The grid frequency of Northern region which remained within the permissible range of 49.0-50.5 Hz as per provisions of Indian Electricity Grid Code (IEGC) for 40.6% of the time during December, 2001 improved to 67.4% during January, 2001, 75.9% during February, 2001 and 74.1% during March, 2001.

**Power plants in Delhi**

4319. SHRI K. RAHMAN KHAN: Will the Minister of POWER be pleased to state:

(a) how old are the power plants in Delhi;

(b) how much has been incurred on their maintenance during the last five years;

(c) whether the maintenance of power plants has been up to the desired levels, if so, the reasons for their failure to sustain power generation during the black out; and

(d) whether Government propose to install new machines to replace the outdated machines so as to protect the capital from the disastrous black out in future?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The Power Plants in Delhi were commissioned/installed as under:—

| Name of the Power Station | Year of Commissioning/Installation |
|---|---|
| **Badarpur Thermal Power Station** | |
| Unit-I | 1973 |
| Unit-II | 1974 |
| Unit-III | 1975 |
| Unit-IV | 1980 |
| Unit-V | 1982 |
| **Indraprastha Power Station** | |
| Unit-I | 1963 |
| Unit-II | 1967-68 |
| Unit-III | 1967-68 |
| Unit-IV | 1967-68 |
| Unit-V | 1971 |
| **Rajghat Power House** | |
| Unit-II | 1988-89 |
| Unit-I | 1989-90 |
| **Gas Turbine Power Station** | 1986-87 |
| **Waste Heat recovery Units** | 1995-96 |

(b) The details of expenditure incurred on the maintenance of the power Station (BTPS & DVB) in Delhi during the last five years were as under:

| Year | Expenditure (Rs. in Crore) |
|---|---|
| 1996-97 | 96.11 |
| 1997-88 | 117.41 |
| 1998-99 | 134.88 |
| 1999-2000 | 157.45 |
| 2000-01 | 178.00 (provisional) |

(c) The maintenance activities of the Power Station have resulted

in improved availability in the units and reliable generation. As regards the tripping of the units of these Power Stations during grid disturbance on 02.01.2001, the protections provided on the units have successfully operated and saved the units from damage while the gas station of DVB did not trip and remained in operation.

(d) Unit No. 1 of IP Station which served over 34 years have since been retired for disposal. Delhi Vidyut Board has approved carrying out of renovation and Modernisation of Unit Nos. 2 to 5 of IP power plant. Report on residual life assessment of these units is under discussion and the short term & long term solutions are being formulated by NTPC, as a consultant appointed by DVB.

**Power supply to Gujarat**

†4320. SHRI BACHANI LEKHRAJ: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that power crisis has been prevailing in different parts of the country even now;

(b) if so, whether Government are considering to supply power to Gujarat; and

(c) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) Power supply position in the country during the year 2000-01 is given in the Statement (*See* below).

(b) and (c) Gujarat has a share of 1531.4 MW in the central generating stations in the Western Region. In addition, Gujarat has been allocated 189.4 MW out of unallocated quota in Central Sector generating stations in Western Region. Gujarat is also getting an assistance of about 53 MW out of unallocated quota of Central Government in NTPC stations in the Eastern Region. Energy shortage in Gujarat during 2000-01 has been comparatively less than the energy shortages in other States of the Western Region.

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†Original notice of the Question was received in Hindi.